

Examiner-Initiated Interview Summary

Application No.	Applicant(s)	
10/699,663	SU, YU-JEN	
Examiner	Art Unit	
Thomas A. Morrison	3653	

All Participants:(1) Thomas A. Morrison.**Status of Application:** Allowance(3) Mr. Robert H. Berdo, Jr. (Reg. No. 38,075).

(2) _____.

(4) Mr. Steven M. Rabin (Reg. No. 29,102).**Date of Interview:** 8/12/05 & 9/15/05**Time:** _____**Type of Interview:**

Telephonic
 Video Conference
 Personal (Copy given to: Applicant Applicant's representative)

Exhibit Shown or Demonstrated: Yes No

If Yes, provide a brief description:

Part I.**Rejection(s) discussed:***Rejection under 35 U.S.C. 102(e)***Claims discussed:***independent claim 1***Prior art documents discussed:***U.S. Patent No. 6,648,322 (Park)***Part II.****SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:**

See Continuation Sheet

Part III.

It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
 It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.



(Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: Initially contacted Mr. Berdo (applicant's representative) to explain that applicant did not place the claims in condition for allowance by applicant's 7/19/05 amendment, because applicant amended claim 1 to include subject matter indicated as allowable in the Office Action of 4/22/05 and also broadened limitations in claim 1. As such, it was believed that at least claim 1 could still be read on U.S. Patent No. 6,648,322 (Park). On 8/12/05, the examiner faxed a proposed amendment to Mr. Berdo to define over the prior art of record (copy attached). A few days later, the examiner received a telephone call concerning the use of the terms "upstream" and "downstream" in the proposed amendment and asking if these terms are applicable to devices with vertical paper trays as well as horizontal paper trays. Mr. Rabin (another applicant's representative) then contacted the examiner and Mr. Rabin and the examiner reached an agreement that it does not matter if a device has a vertical paper tray or a horizontal paper tray. In either case, the terms "downstream" and "upstream" can be used to describe the location of claimed elements on such devices. During these telephone conversations, Mr. Rabin also suggested minor changes to the specification to clarify the terms "downstream" and "upstream". These changes are included in the examiner's amendment mailed together with this Interview Summary. The changes to the specification were faxed to Mr. Rabin on 9/15/05 and he approved such changes. He also verified that the proposed claim amendments of 8/12/05 were approved. The proposed amendments were discussed with a primary examiner prior to faxing them.



DONALD P. WALSH
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As requested.

Fax Cover Sheet

Date: 12 Aug 2005 9/13/5

From: <input checked="" type="checkbox"/> Mr. Robert Berdo S RABIN	To: <input type="checkbox"/> Thomas A. Morrison
Application/Control Number: 10/699,663	Art Unit: 3653
Fax No.: 202-408-0924	Phone No.: (571) 272-2221
Voice No.: 202-371-8976	Return Fax No.: (703) 273-7221
Re: Proposed Amendment	CC:
<input type="checkbox"/> Urgent <input type="checkbox"/> For Review <input checked="" type="checkbox"/> For Comment <input type="checkbox"/> For Reply <input type="checkbox"/> Per Your Request	

Comments:

Attached is a proposed amendment for your review. This amendment was reviewed with a primary examiner prior to sending this facsimile. This coversheet is page 1 of 4.

Number of pages __ including this page

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1. (Currently Amended) A paper pickup mechanism located on one side of a feeding paper tray, comprising:

a driver gear for receiving rotational power transmitted from a driving power source having a pivoted axle;

an idler gear driven by the driver gear and having a rotation axis connecting to the a rotation axis of the driver gear through a first linkage bar;

a swing arm having a pivoted end and a swing end, the swing arm being rotatable around the pivoted end;

a pickup gear located on the swing end of the swing arm to engage with the idler gear when the idler gear is driven by the driver gear; and

a pickup roller being coaxial with the pickup gear and driven by the driver gear to rotate in a paper feeding direction to generate a torque to exert a force on a paper located on the a top of the feeding paper tray;

wherein the a rotation axis of the pickup gear and the rotation axis of the idler gear are being linked through a second linkage bar for engaging the pickup gear and the idler gear with each other; and

the first linkage bar extending from the rotation axis of the driver gear to the rotation axis of the idler gear and the second linkage bar extending from the rotation axis of the pickup gear to the rotation axis of the idler gear such that the rotation axis of the driver gear is located downstream of the rotation axis of the

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idler gear and the pivoted end of the swing arm is located upstream of the rotation axis of the idler gear.

2. (Original) The paper pickup mechanism of claim 1, wherein the driver gear is located between the pickup roller and the driving power source.

3. (Previously Amended) The paper pickup mechanism of claim 1, wherein an additional gear is located between the idler gear and the driver gear.

4. The paper pickup mechanism of claim 3, wherein the additional gear is pivoted on the first linkage bar.

Claim 5-7 (Canceled):

8. (Original) The paper pickup mechanism of claim 1, wherein the driver gear is located on an inner side of the feeding paper tray.

9. The paper pickup mechanism of claim 1, wherein the driver gear is mounted on an axle strut located on an inner side of the feeding paper tray.

10. (Original) The paper pickup mechanism of claim 1, wherein the driver gear is engaged with a gear set located on an outer side of the feeding paper tray, the gear set transmitting the rotational power from the driving power source to the driver gear.

11. (Original) The paper pickup mechanism of claim 1, wherein the pivoted end of the swing arm has a hollow connecting strut.

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12. (Original) The paper pickup mechanism of claim 1, wherein the pivoted end of the swing arm is pivoted to an axle rod extending from an inner wall of the feeding paper tray.

13. (Original) The paper pickup mechanism of claim 1, wherein the swing end of the swing arm is extended to form a first connection plate and a second connection plate.

14. (Original) The paper pickup mechanism of claim 13, wherein the pickup gear is located on an outer side of the first connection plate.

15. (Original) The paper pickup mechanism of claim 13, wherein the pickup roller is located between the first connection plate and the second connection plate.

16. (Original) The paper pickup mechanism of claim 1, wherein the feeding paper tray is an upright paper tray.

17. (Original) The paper pickup mechanism of claim 1, wherein the feeding paper tray is a horizontal paper tray.

Claims 18-20 (Canceled).

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